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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Thu Oct 18 14:10:06 EDT 2007

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Reviewer Comments:

<210> 22

<211> 127

<212> DNA

<213> Gymnea sylvestre

<220>

<221> MISC_FEATURE

<222> (28)..(105)

<223> S and N are A, T, G or C

<400> 22

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snnnsnnnsns nnsnnnsnnsn nsnnnsnnsn snnnsnnnsns nnsnnagatc tagcatgatg 120

atgatga 127

'S' can only represent C or G. If you mean that the nucleotide only represents C or G, use S and do not explain (S never needs an explanation)

If you mean 'n' represents A,T,C, or G, keep the 'n'.

Application No: 10579655 Version No: 1.0

Input Set:**Output Set:**

Started: 2007-10-01 16:07:45.720
Finished: 2007-10-01 16:07:52.245
Elapsed: 0 hr(s) 0 min(s) 6 sec(s) 525 ms
Total Warnings: 372
Total Errors: 2
No. of SeqIDs Defined: 374
Actual SeqID Count: 374

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (1)
W 402	Undefined organism found in <213> in SEQ ID (2)
W 402	Undefined organism found in <213> in SEQ ID (3)
W 402	Undefined organism found in <213> in SEQ ID (4)
W 402	Undefined organism found in <213> in SEQ ID (5)
W 402	Undefined organism found in <213> in SEQ ID (6)
W 402	Undefined organism found in <213> in SEQ ID (7)
W 402	Undefined organism found in <213> in SEQ ID (8)
W 402	Undefined organism found in <213> in SEQ ID (9)
W 402	Undefined organism found in <213> in SEQ ID (10)
W 402	Undefined organism found in <213> in SEQ ID (11)
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W 402	Undefined organism found in <213> in SEQ ID (13)
W 402	Undefined organism found in <213> in SEQ ID (14)
W 402	Undefined organism found in <213> in SEQ ID (15)
W 402	Undefined organism found in <213> in SEQ ID (16)
W 402	Undefined organism found in <213> in SEQ ID (17)
W 402	Undefined organism found in <213> in SEQ ID (18)
W 402	Undefined organism found in <213> in SEQ ID (19)
E 356	Organism is not permitted in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2007-10-01 16:07:45.720
Finished: 2007-10-01 16:07:52.245
Elapsed: 0 hr(s) 0 min(s) 6 sec(s) 525 ms
Total Warnings: 372
Total Errors: 2
No. of SeqIDs Defined: 374
Actual SeqID Count: 374

Error code	Error Description
E 356	Organism is not permitted in <213> in SEQ ID (21)
W 402	Undefined organism found in <213> in SEQ ID (22) This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Sanofi Pasteur, Inc.

<120> METHODS FOR PURIFYING PERTUSSIS TOXIN AND PEPTIDES USEFUL THEREFOR

<130> API-03-15

<140> 10579655

<141> 2007-10-01

<150> 60/523,881

<151> 2003-11-20

<150> PCT/US2004/038700

<151> 2004-11-18

<160> 374

<170> PatentIn version 3.3

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His His His His His His
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Asp Ala Asn Ala Pro Lys

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snnsnnsnns nnsnnsnnsn nsnnnsnnsn snnsnnsnns nnsnnagatc tagcatgatg 120

atgatga 127

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catcatcatc atgctagatc t 81

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<213> *Gymnea sylvestre*

<400> 24

aattaaatag cggatgcctt cggagcggtta gc 32

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<212> DNA

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Pro Leu Glu Cys Leu Arg Arg Phe Leu Asn Leu Arg Trp Cys Gly Ser
35 40 45

Gly Ser Ser Gly Ser Ser
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<210> 27

<211> 54

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<213> Gymnea sylvestre

<400> 27

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Lys Ala Phe Arg Tyr Ser Cys Cys Glu
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Pro Leu Glu Cys Leu Arg Lys Trp Leu Lys Ala Arg Phe Cys Gly Ser
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Gly Ser Ser Gly Ser Ser
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Val Lys Lys Asp Glu Leu Cys Lys Ala Phe Arg Tyr Ser Cys Cys Glu
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Pro Leu Glu Cys Leu Arg Lys Trp Leu Lys Ala Arg Phe Cys Gly Ser
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Gly Ser Ser Gly Ser Ser
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Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys
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Val Lys Lys Asp Glu Leu Cys Leu Arg Ser Ser Ile Asp Cys Cys Glu
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Pro Leu Glu Cys Leu Tyr Lys Trp Met Gln Arg Arg Leu Cys Gly Ser
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Gly Ser Ser Gly Ser Ser
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Pro Leu Glu Cys Leu Leu Glu Met Leu Glu Arg Lys Arg Cys Gly Ser
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Gly Ser Ser Gly Ser Ser
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1 5 10 15

Val Lys Lys Asp Glu Leu Cys Met Ser Met Ala Cys Val Cys Cys Glu
20 25 30

Pro Leu Glu Cys Lys Tyr His Gly Tyr Phe Trp Leu Cys Gly Ser Gly
35 40 45

Ser Ser Gly Ser Ser
50

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1 5 10 15

Val Lys Lys Asp Glu Leu Cys Ala Val Trp Phe Asp Val Cys Cys Glu
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Pro Leu Glu Cys Thr Tyr Gln Ser Gly Tyr Tyr Trp Leu Cys Gly Ser
35 40 45

Gly Ser Ser Gly Ser Ser
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<213> Gymnea sylvestre

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1 5 10 15

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20 25 30

Pro Leu Glu Cys Val Tyr Thr Ser Gly Tyr Tyr Tyr Ser Cys Gly Ser
35 40 45

Gly Ser Ser Gly Ser Ser
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<213> Gymnea sylvestre

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Val Lys Lys Asp Glu Leu Cys Ala Arg Trp Asp Leu Val Cys Cys Glu
20 25 30

Pro Leu Glu Cys Ile Tyr Thr Ser Glu Leu Tyr Ala Thr Cys Gly Ser
35 40 45

Gly Ser Ser Gly Ser Ser
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<210> 35
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Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Val Phe Tyr Phe Pro Asn Cys Cys Glu
20 25 30

Pro Leu Glu Cys Arg Trp Val Asn Asp Asn Tyr Gly Trp Cys Gly Ser
35 40 45

Gly Ser Ser Gly Ser Ser
50

<210> 36

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<213> Gymnea sylvestre

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1 5 10 15

Val Lys Lys Asp Glu Leu Cys Met Ser Met Ala Cys Val Cys Cys Glu
20 25 30

Pro Leu Glu Cys Lys Tyr His Gly Tyr Phe Trp Leu Cys Gly Ser Gly
35 40 45

Ser Ser Gly Ser Ser
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<213> Gymnea sylvestre

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1 5 10 15

Val Lys Lys Asp Glu Leu Cys Thr Thr Ala Ser Lys Ser Cys Cys Glu
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Pro Leu Glu Cys Lys Trp Thr Asn Glu His Phe Gly Thr Cys Gly Ser
35 40 45

Gly Ser Ser Gly Ser Ser
50

<210> 38
<211> 54
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<213> Gymnea sylvestre

<400> 38

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1 5 10 15

Val Lys Lys Asp Glu Leu Cys Ser Gln Ser Val Pro Met Cys Cys Glu

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25

30

Pro Leu Glu Cys Lys Trp Phe Asn Glu Asn Tyr Gly Ile Cys Gly Ser
 35 40 45

Gly Ser Ser Gly Ser Ser
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<210> 39

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<213> *Gymnea sylvestre*

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 20 25 30

Pro Leu Glu Cys Ile Tyr Thr Ser Glu Leu Tyr Ala Thr Cys Gly Ser
 35 40 45

Gly Ser Ser Gly Ser Ser
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<213> *Gymnea sylvestre*

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 35 40 45

Gly Ser Ser Gly Ser Ser
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Ser Ser Gly Ser Ser
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35 40 45

Gly Ser Ser Gly Ser Ser
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Pro Leu Glu Cys Thr Lys Gly Asp Leu Gly Phe Arg Lys Cys Gly Ser
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Gly Ser Ser Gly Ser Ser
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Gly Ser Ser Gly Ser Ser
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20 25 30